App. Title: A Hybrid Neural Network and Support
Vector Machine Method for Optimize
ASA Docket No.: ARC-14586-1
Inventor: Man Mohan Rai
NASA Contact: Robert M. Padilla, (650) 604-5104
Sheet 1 of 13

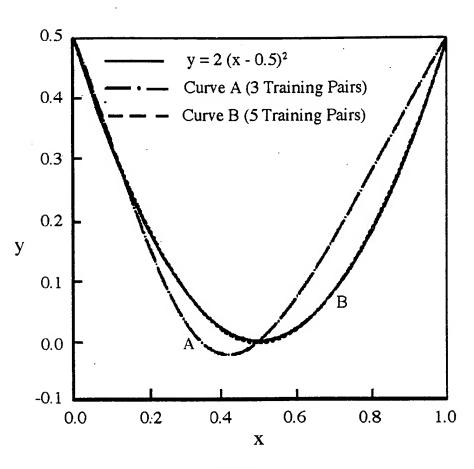


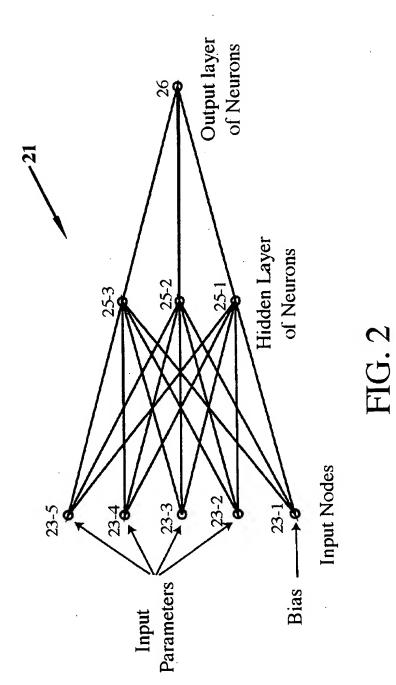
FIG. 1

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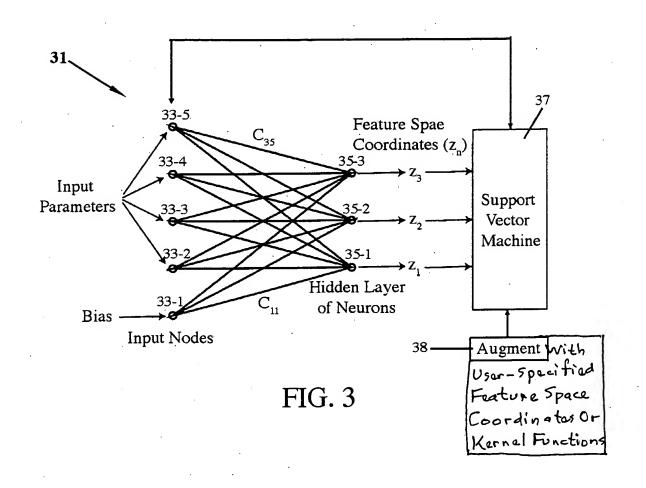


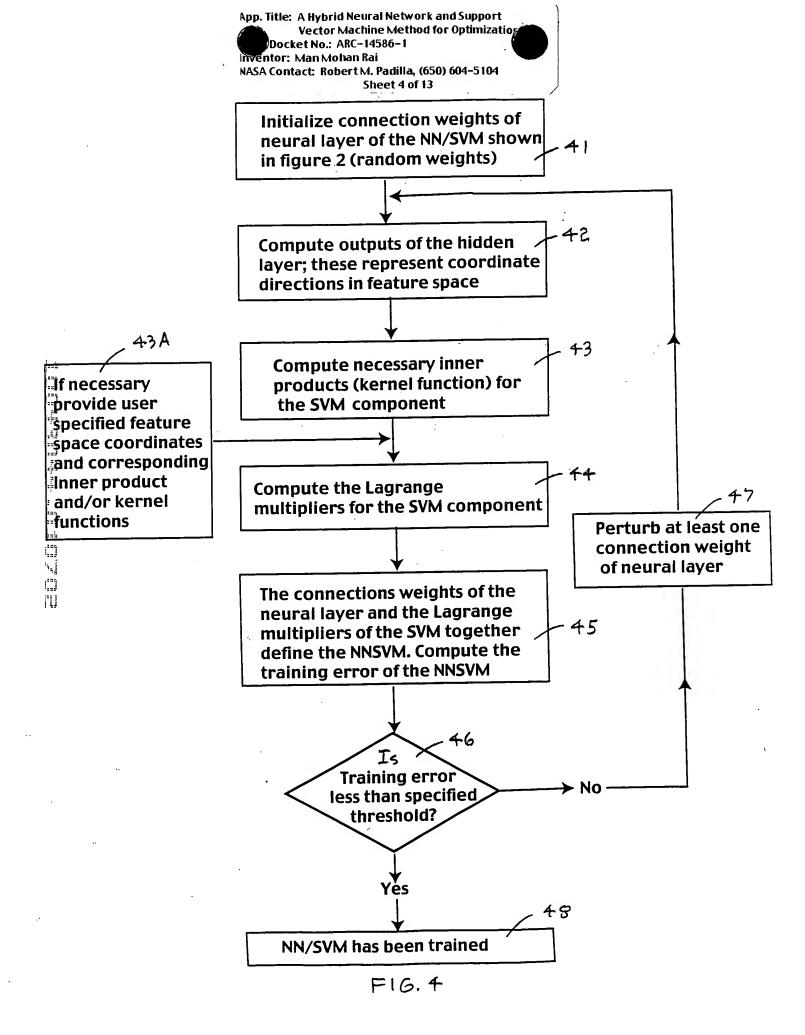
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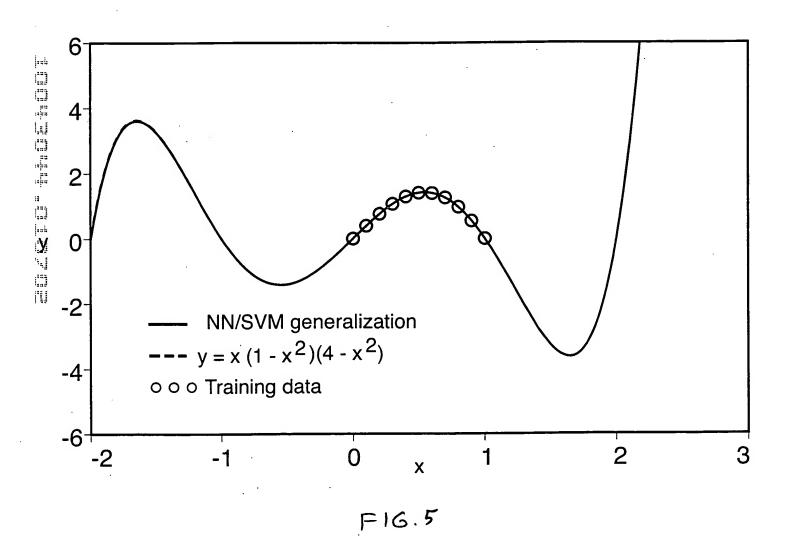
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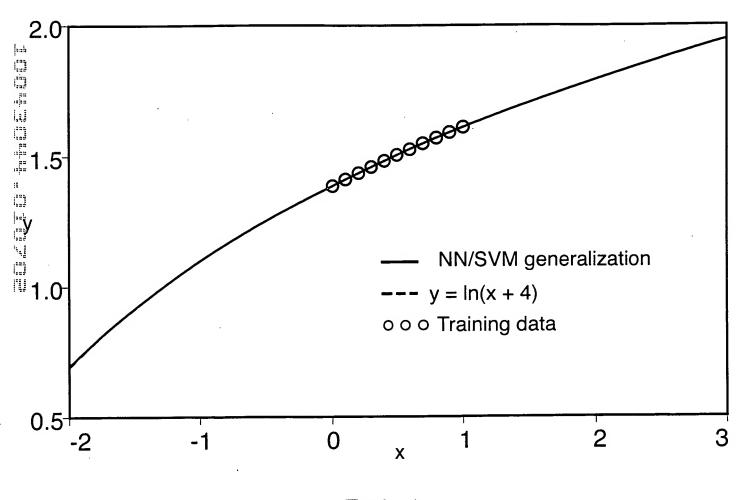




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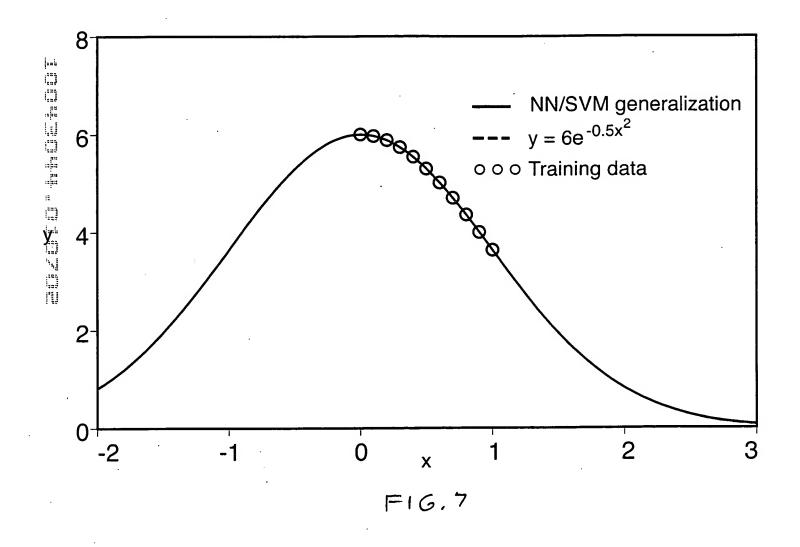
App. Title: A Hybrid Neural Network and Support Vector Machine Method for Quantization

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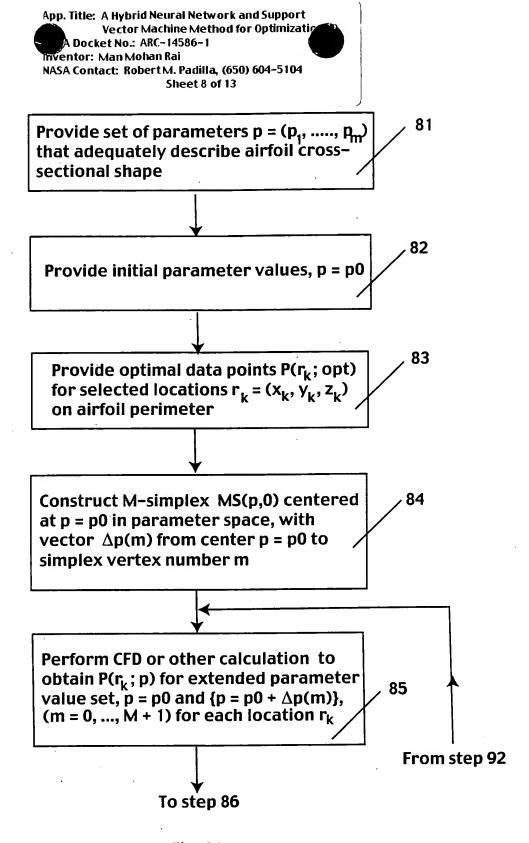


Fig. 8A

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Fig. 8B

To Step 91

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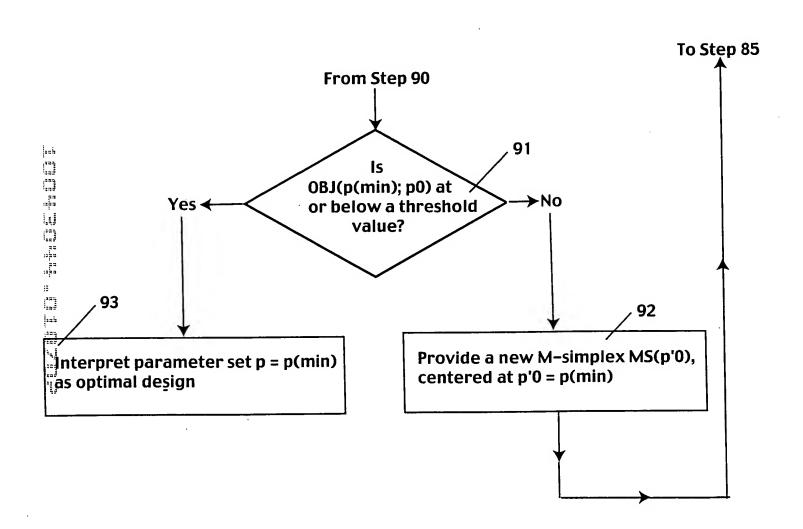
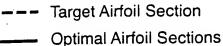


Fig. 8C

Optimized Airfoil Sections and Pressure Distributions



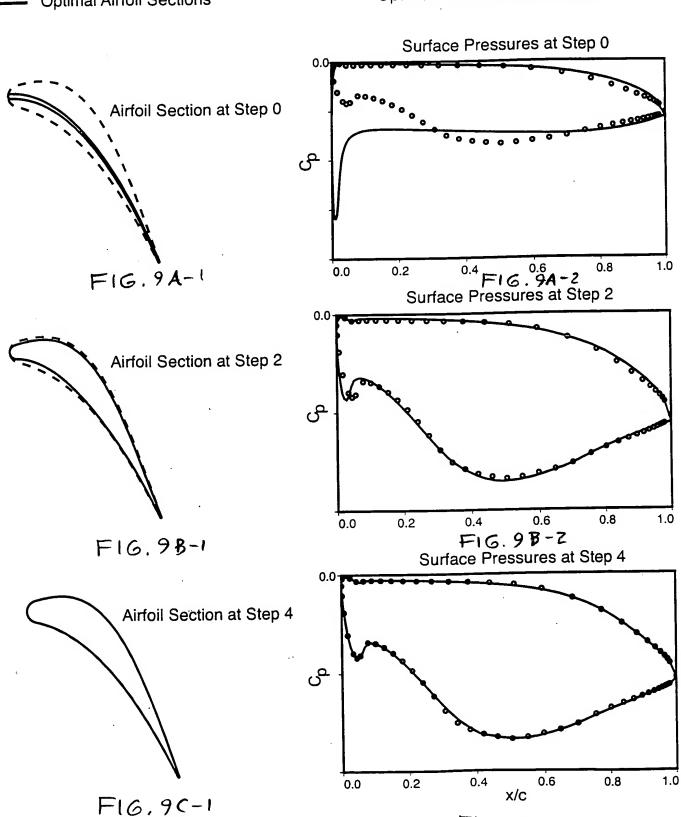
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- ooo Target Pressure Data
- Optimal Pressure Distributions

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